

XXI procedure of treatment, restlessness
XX Example 1: Page 15; Supply English
XX

This schematic represents a thrombo-embolic event site for the formation of a thrombus. The platelet-derived growth factor (PDGF) released from a ruptured atherosclerotic plaque is cleaved by a matrix metalloproteinase (MMP) and by a plasminogen activator (tPA) to form a bioactive fragment of PDGF, PDGF- β . Myofibroblasts are being induced for their ability to inhibit the activity of a growth factor (e.g., PDGF) responsible for abnormal smooth muscle cell (SMC) proliferation in vascular tissue leading to restenosis. The thrombus can also directly block the production of endothelial and cell regulatory factors involved with SMC growth and fibroblast vascular injury.

$$Z_{\text{eff}}^{\text{quench}} = \frac{1}{N} \sum_i \left(\langle H_i^2 \rangle - \langle H_i \rangle^2 \right) / \langle H_i \rangle$$

| | | | | |
|-----------------------|---------------|---------------|-----------|-----------|
| every Month | 100,000 | Score 16 | 148 18 | Length 16 |
| Post Local Similarity | 100,000 | Prod. No. | 7,600,000 | |
| Maximum | of Similarity | of Difference | of Length | of Score |

[illegible][illegible][illegible][illegible]

Materials: 1. W220004-765-A2.

| | | |
|----|------------|------|
| 17 | 2000-01-20 | 1990 |
| XX | | |
| 17 | 2000-01-20 | 1990 |
| XX | | |

XX
:A
XX
(:MM) :MMISL, IN.
XX
XX

XX New, further and hummerbird flycatcher for inhibition of testis, ovaries
XX With, 2000 4.2/14/05.

Example 1; Page 16; 10pp; English

The present report describes a cell-line or human breast fibrocyte, designated to clone RNA encoding a cyclin or cell cycle dependent kinase, other than cell cycle dependent kinases p34, p38 and cyclin B1. For several examples of fibrocyte transfection in vitro are given in AAB4-11 to AAB4-97. The fibrocyte of the invention is useful for isolating and characterizing by identification of the fibrocyte into cells, the fibrocyte is resistant to ethionamide activity and hence is efficient in vivo for treatment.

[illegible]

| Query Match | 100.0% | Score | 16 | bits | 16 |
|-----------------------|--------|--------------|---------|------------|----|
| Host Local Similarity | 100.0% | Prod. No. | 1.0e+02 | | |
| Matches | 16 | Conservative | 0 | Mismatches | 0 |

[illegible]

RESULT 3
AAA86777
AAA86777 standard; PNA: 16 BP.

AAAB6777;
04-1030 2000 (first entry)

[illegible]

Mathew J. J. .
Wol200032765-A2.

| | | |
|----|---------|-------|
| 19 | 06-011N | Z0000 |
| XX | | |
| 17 | 06-1010 | 19979 |
| XX | | |

XX (1990) : 1990-1991, 2001.

Now hairpin and hammerhead ribozymes for inhibiting

Example 1; Page 24; 10thpp; English.

The present invention relates to a process for producing a nucleic acid molecule designed to cleave RNA encoding a protein other than cell cycle dependent kinases. The present invention also provides a library of recombinant DNA examples of ribozymes.

[illegible][illegible]

(b) $\{a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z\}$

AAH6[72] Standard; 1NA; 6E; 6F;
AAH6[72] AAH6[72];

[illegible]

10 SH-201 (11-5-01)

Best Local Similarity: 93.9% Prod. No. 270043
 Matches: 14; Conserved: 7; Mismatches: 1; Indels: 0; Gaps: 0

QY 1 acetylcholinesterase 15
 II IIIII IIIII
 ID GCTTCCTTCACAGGAGT 5

RESULT 14

AAH75062/0

ID AAH75062 standard; DNA: 20 bp.

XX AAH75062/0

XX 25 AUG 2000 (first entry)

XX PCR primer MH72

XX hypercalcaemic crisis; parathyroid hormone-related protein (PTHrP)

XX human tumour; PCR primer: SS.

XX Symbol loc.

XX W020000219 A1.

XX 25 JAN 1999: 9060 JP04434.

XX 25 JAN 1998: 903P 0180143.

XX (CHNS) CHNSAI SETYAKO KK.

XX Sato K, Tsunemori T.

XX WPI: 2000 117115/10.

XX treatment of hypercalcaemic crisis with a substance inhibiting binding

XX of parathyroid hormone-related peptide to its receptor.

XX Example 2: Page 69; 120pp; Japanese.

XX The invention relates to a method of treatment of hypercalcaemic crisis.

XX A composition for the treatment of hypercalcaemic crisis contains as

XX active component a substance which inhibits the binding of parathyroid

XX hormone-related peptide (PTHrP) to its receptor. The inhibitor is used

XX for the treatment of hypercalcaemic crisis, such as that associated with

XX a malignant tumour.

XX Sequence 20 bp: 7 A; 6 G; 4 T; 3 C; 0 other:

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granulocyte colony stimulating factor; interleukin-11)

XX leukemia inhibitory factor; soluble (oss) protein; SS.

XX Symbol loc.

XX W0200154249 A1.

XX 07 SEP 2001.

XX 40 AUG 2000: 2000WO JP05886.

XX 29 FEB 2000: 2000JP 0042414.

XX (CHNS) CHNSAI SETYAKO KK.

XX Sato H, Tsunemori T, Onuma E, Sato K.

XX WPI: 2001-550141/61.

XX tissue decomposition inhibitor that prevents parathyroid hormone

XX associated protein from binding to its receptor.

XX Example 1: Page 78; 142pp; Japanese.

XX The specification describes a tissue decomposition inhibitor, which

XX comprises a substance that inhibits peptides associated with

XX parathyroid hormone from binding with their receptor. The method is

XX used to inhibit tissue decomposition caused by cancer metastasis.

XX septemia, heavy external injury or muscular exertion, and for

XX treating patients with elevated cytokine (interleukin-6, granulocyte

XX colony stimulating factor), interleukin-11 and leukemia inhibitory

XX factor) levels. It may also be used for preventing septic shock caused

XX by cancer metastasis. The present sequence represents a PCR primer used

XX in the course of the invention.

XX Sequence 20 bp: 7 A; 6 G; 4 T; 3 C; 0 other:

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| Material | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|----------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | |

[illegible][illegible]

| Reaction | Temperature, °C | Time, h | Yield, % | mp, °C | lit. mp, °C | IR, ν_{max} , cm ⁻¹ | ^1H NMR, δ , ppm | ANAL. |
|----------|-----------------|---------|----------|---------|-------------|---|--|---|
| 1a | 100 | 1 | 100 | 100-101 | 100-101 | 1715 (C=O) | 7.1 (d, 2H), 6.8 (d, 2H), 6.5 (d, 2H), 6.2 (d, 2H), 5.8 (d, 2H), 5.5 (d, 2H), 5.2 (d, 2H), 4.8 (d, 2H), 4.5 (d, 2H), 4.2 (d, 2H), 3.8 (d, 2H), 3.5 (d, 2H), 3.2 (d, 2H), 2.8 (d, 2H), 2.5 (d, 2H), 2.2 (d, 2H), 1.8 (d, 2H), 1.5 (d, 2H), 1.2 (d, 2H), 0.9 (d, 2H) | C ₂₂ H ₂₀ N ₂ O ₄ |

| | | | | | |
|----|-----------------------|--------|--------------|--------|--------------|
| | Query Match | 100.0% | Score 167 | DB 6: | Length 167 |
| | Best Local Similarity | 100.0% | Prod. No. 2 | 100.0% | |
| | Matches | 167 | Conservative | 0 | Mismatches 0 |
| | | | | Indels | 0 |
| | | | | Gaps | 0 |
| 5' | 1-AGTATCGGACGGC | 167 | | | |
| | T-T-T-T-T-T-T-T-T-T | | | | |
| 3' | 1-CTTGTCAGAGGTC | 167 | | | |

[illegible][illegible]

| Parameter | Value | Unit |
|---------------------------|-------------------------|----------------------------|
| Acceleration | 10^{-10} | m/s^2 |
| Gravitational constant | 6.67×10^{-11} | $\text{N m}^2/\text{kg}^2$ |
| Planck constant | 6.626×10^{-34} | J s |
| Speed of light | 3×10^8 | m/s |
| Mass of electron | 9.1×10^{-31} | kg |
| Mass of proton | 1.67×10^{-27} | kg |
| Mass of neutron | 1.67×10^{-27} | kg |
| Mass of alpha particle | 6.64×10^{-27} | kg |
| Mass of beta particle | 9.1×10^{-31} | kg |
| Mass of gamma ray | 0 | kg |
| Mass of neutrino | 1.6×10^{-36} | kg |
| Mass of antineutrino | 1.6×10^{-36} | kg |
| Mass of positron | 9.1×10^{-31} | kg |
| Mass of electron neutrino | 1.6×10^{-36} | kg |
| Mass of muon neutrino | 1.6×10^{-36} | kg |
| Mass of tau neutrino | 1.6×10^{-36} | kg |
| Mass of photon | 0 | kg |
| Mass of gluon | 0 | kg |
| Mass of quark | 1.6×10^{-36} | kg |
| Mass of lepton | 1.6×10^{-36} | kg |
| Mass of fermion | 1.6×10^{-36} | kg |
| Mass of boson | 1.6×10^{-36} | kg |
| Mass of Higgs boson | 1.6×10^{-36} | kg |
| Mass of graviton | 0 | kg |
| Mass of photon | 0 | kg |
| Mass of gluon | 0 | kg |
| Mass of quark | 1.6×10^{-36} | kg |
| Mass of lepton | 1.6×10^{-36} | kg |
| Mass of fermion | 1.6×10^{-36} | kg |
| Mass of boson | 1.6×10^{-36} | kg |
| Mass of Higgs boson | 1.6×10^{-36} | kg |
| Mass of graviton | 0 | kg |
| Mass of photon | 0 | kg |
| Mass of gluon | 0 | kg |
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| Mass of lepton | 1.6×10^{-36} | kg |
| Mass of fermion | 1.6×10^{-36} | kg |
| Mass of boson | 1.6×10^{-36} | kg |
| Mass of Higgs boson | 1.6×10^{-36} | kg |
| Mass of graviton | 0 | kg |
| Mass of photon | 0 | kg |
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| Mass of quark | 1.6×10^{-36} | kg |
| Mass of lepton | 1.6×10^{-36} | kg |
| Mass of fermion | 1.6×10^{-36} | kg |
| Mass of boson | 1.6×10^{-36} | kg |
| Mass of Higgs boson | 1.6×10^{-36} | kg |
| Mass of graviton | 0 | kg |
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| Mass of gluon | 0 | kg |
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| Mass of graviton | 0 | kg |
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| Mass of Higgs boson | 1.6×10^{-36} | kg |
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| Mass of fermion | 1.6×10^{-36} | kg |
| Mass of boson | 1.6×10^{-36} | kg |
| Mass of Higgs boson | 1.6×10^{-36} | kg |
| Mass of graviton | 0 | kg |
| Mass of photon | 0 | kg |
| Mass of gluon | 0 | kg |
| Mass of quark | 1.6×10^{-36} | kg |
| Mass of lepton | 1.6×10^{-36} | kg |
| Mass of fermion | 1.6×10^{-36} | kg |
| Mass of boson | 1.6×10^{-36} | kg |
| Mass of Higgs boson | 1.6×10^{-36} | kg |
| Mass of graviton | 0 | kg |
| Mass of photon | 0 | kg |
| Mass of gluon | 0 | kg |
| Mass of quark | 1.6×10^{-36} | kg |
| Mass of lepton | 1.6×10^{-36} | kg |
| Mass of fermion | 1.6×10^{-36} | kg |
| Mass of boson | 1.6×10^{-36} | kg |
| Mass of Higgs boson | $1.6 \times $ | |

| | | | | | | | |
|------------|-------------|---------|------------|-----|------|--------|-----|
| entry | Metric | 16; | Score | 16; | Rank | Length | 16; |
| Post local | Sensitivity | 100.00; | Pred. | No. | 2 | Leaves | |
| Matrices | % Conserved | 0; | Mismatches | 0; | Gaps | 0; | |

[illegible][illegible]

REFERENCE
ZACHARY
TITLE
JOURNAL
FEATURES

[illegible][illegible]

| | RESULT | % | | 76 kD | PMA | Lipid | FAT | 2'-DEOXY-100% |
|-----------------------------|--------------|----|--------------|-----------------|-----|-------|-----|---------------|
| AROMATIC POLYMER | ARO 445.49 | | ARO 445.49 | | | | | |
| DELIPIDATION APPLICATION | Suspension | 84 | From polymer | US 5,600,946.2. | | | | |
| VERIFICATION | ARO 445.40 | | | | | | | |
| KRYOFIXES | ARO 445.40.2 | 81 | 5,750.25 | | | | | |
| CORRECTION | ARO 445.40 | | | | | | | |

| REFERENCE | 1 (BOSTON 1 TO 76) |
|-----------|---|
| AUTHORS | Deane, V. C. |
| TITLE | Initiation of proliferation of vascular smooth muscle cells |
| JOURNAL | Journal of Cell Biology |
| PUBLISHER | Rockefeller University Press |
| SECTOR | 1 - 76 |
| | 1974:15:15m with review |

[illegible]

| | | | | | |
|------------|----------|----|------|-----------|---------------|
| PE-501.1 | 6 | 76 | bp | 100 | 100 |
| AP0486.0 | | | | | |
| 1000 | | | | | |
| DEFINITION | Sequence | 43 | 1000 | part cont | US 08.01.2.54 |

| Accession | Size | Gene | Location |
|------------|---|------|-----------|
| AF048643 | 76 bp | RNA | 1100-1104 |
| U00095 | 76 bp | RNA | 2022-2026 |
| AF048640 | 76 bp | RNA | 1100-1104 |
| U00095 | 76 bp | RNA | 2022-2026 |
| DEFINITION | Sequence 83-1 from patient US 98-12-37. | | |

FEATURES
SOURCE

RESULT 1
E27067/0
DEFINITION
ACCESSION
VERSION
KEYWORDS
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REFERENCE
AUTHORS
TITLE
JOURNAL

RECORD 1
E27067/0
DEFINITION
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RECORD 1
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FEATURES
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BASE COUNT
ORIGIN

Query Match
Best Local Similarity 93.98% Score 13.41 Length 20
Matches 14: Conserved 0: Mismatches 1: Indels 0: Gaps 0

ORIGIN
DEFINITION
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VERSION
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RECORD 1
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BASE COUNT
ORIGIN

Query Match
Best Local Similarity 93.98% Score 13.41 Length 20
Matches 14: Conserved 0: Mismatches 1: Indels 0: Gaps 0

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